

# MARITIME DOMAIN AWARENESS

## Canadian Policy Activities

Peter Avis – Lansdowne Technologies, Inc.



Report Documentation Page				Form Approved OMB No. 0704-0188	
Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.					
1. REPORT DATE <b>OCT 2009</b>		2. REPORT TYPE		3. DATES COVERED <b>00-00-2009 to 00-00-2009</b>	
4. TITLE AND SUBTITLE <b>Maritime Domain Awareness Canadian Policy Activities</b>				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) <b>Lansdowne Technologies, Inc., 275 Slater Street Suite 1001 ,Ottawa, Ontario Canada K1P 5H9,</b>				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT <b>Approved for public release; distribution unlimited</b>					
13. SUPPLEMENTARY NOTES <b>Maritime Domain Awareness and Counter Piracy, 26-29 October 2009, Ottawa, Canada. U.S. Government or Federal Rights License</b>					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT <b>Same as Report (SAR)</b>	18. NUMBER OF PAGES <b>13</b>	19a. NAME OF RESPONSIBLE PERSON
a. REPORT <b>unclassified</b>	b. ABSTRACT <b>unclassified</b>	c. THIS PAGE <b>unclassified</b>			

## Terrorism Threat Remains

- **CANADIAN TERRORISM BRAMPTON 18**
- **3 GUILTY**
- **ENERGY CIP – INCLUDES THE MARITIME DOMAIN**
- **AQ SEES CANADA AS A LEADING SOURCE OF ENERGY TO THE US**
- **Quote of the Day – “STRIKE AT PETROLEUM INTERESTS IN ALL AREAS WHICH SUPPLY THE UNITED STATES ... LIKE CANADA!”**

# Terrorism Threat – New Focus

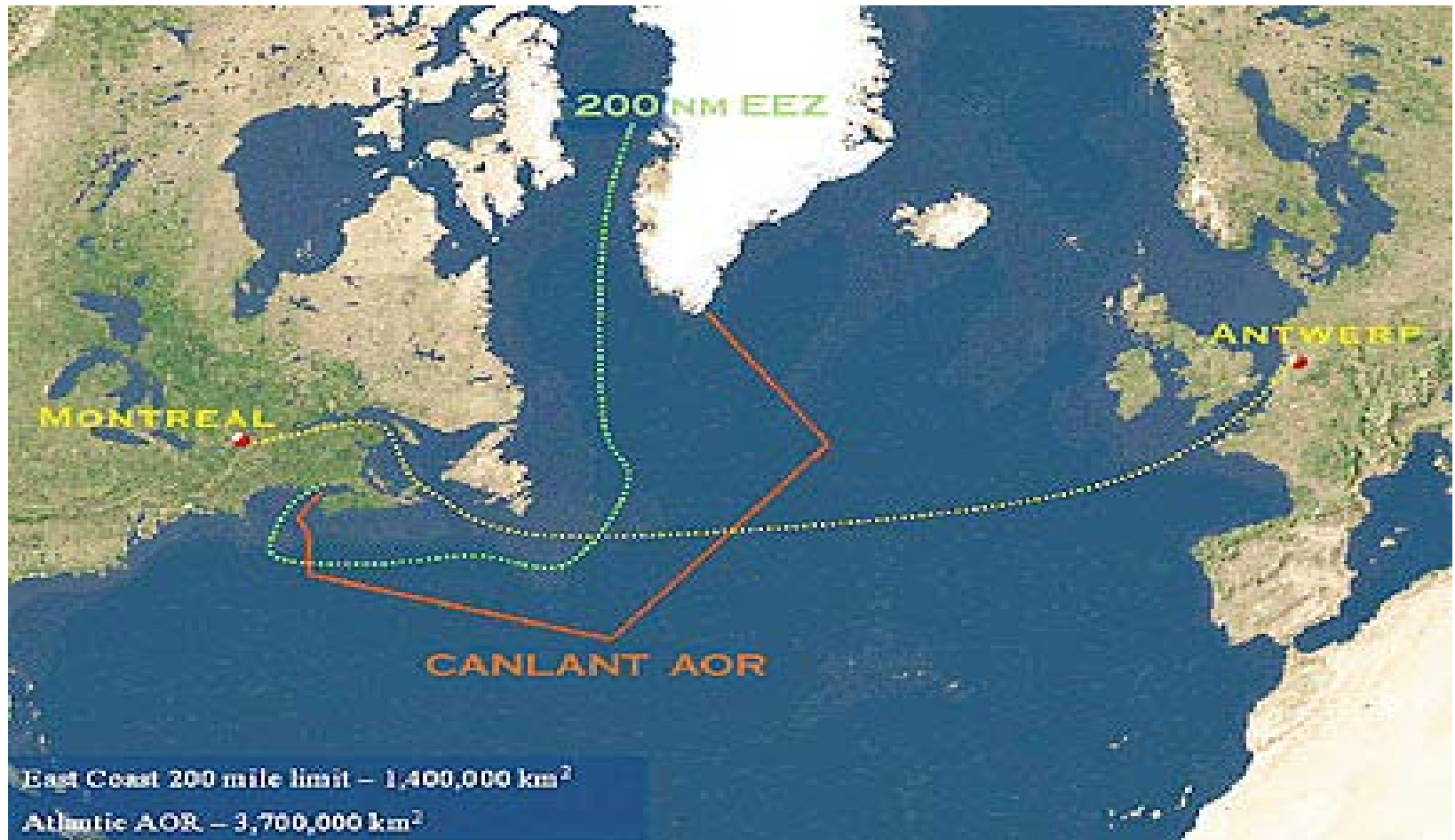
- First time that Canadian Oil and Natural Gas Facilities have been explicitly targeted for attack
- Oil and gas facilities, pipeline terminus, port infrastructure, and vessels are major parts of the

**MARITIME DOMAIN**

# MARITIME DOMAIN AWARENESS in CANADA

- NSP – SIX-POINT PLAN
- COLLABORATE with  
MARITIME SURVEILLANCE,  
INTELLIGENCE, TECHNOLOGY
- SHARE INFORMATION
- CONNECT THE DOTS - **DETECT**
- REACT BEFORE ARRIVAL IN CANADA

# MARINE SECURITY PLAN



---

---

# MDA DEFINITION (CDA)

- MDA IS THE EFFECTIVE UNDERSTANDING OF EVERYTHING ON, UNDER, RELATED TO, ADJACENT TO, OR BORDERING A SEA, OCEAN, OR OTHER NAVIGABLE WATERWAY, INCLUDING ALL MARITIME-RELATED ACTIVITIES, INFRASTRUCTURE, PEOPLE, CARGO, VESSELS, OR OTHER CONVEYANCES.

---

---

# INFORMATION SHARING

- PERCEPTIONS OF EXISTING LAWS
- PRIVACY ACT, CHARTER, ATIP
- HAS AFFECTED PROGRESS IN  
COLLABORATION ACTIVITY AREA
- ITAC, GOC, SECURITY COMMITTEES,  
MSOC



---

---

# INFORMATION SHARING (2)

- NO VALID REASON FOR THESE LAWS TO IMPEDE THE FLOW OF INFORMATION FROM ONE DEPARTMENT TO ANOTHER
- PRIVACY ACT (Paragraph 8)
- AUDITOR GENERAL – 2004 REPORT
- CANUS BI-NATIONAL PLANNING GROUP
- **DIFFERENCE** – INTEGRATION IN A SINGLE DATA-BASE OF MULTIPLE INFORMATION CONTRIBUTORS

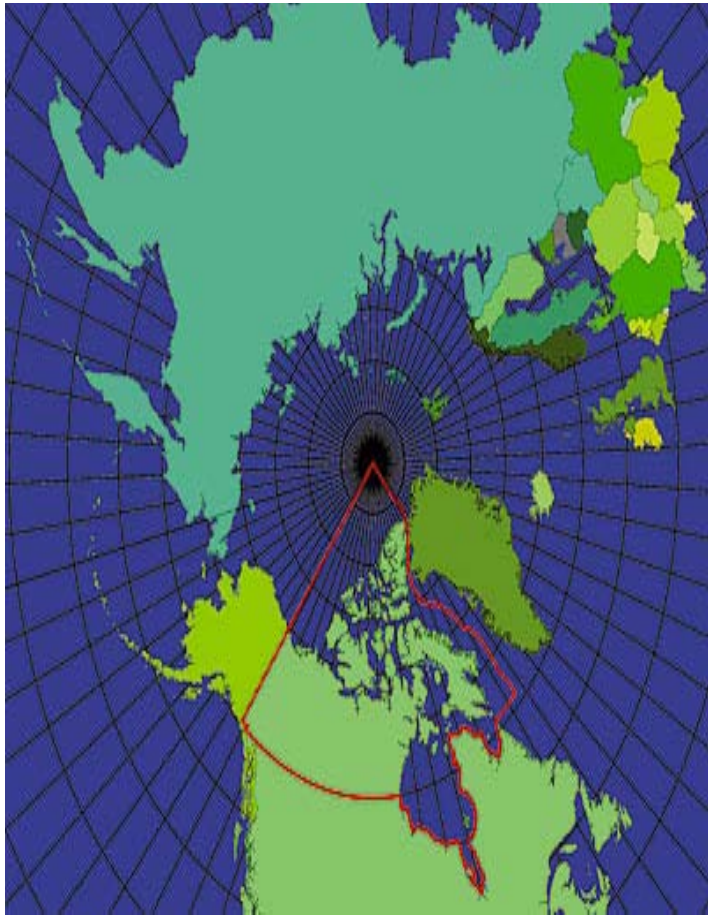
---

---

# WHAT TO DO?

- RELUCTANCE FOR 1 on 1 SHARING
- “DUTY TO SHARE” FOR NATIONAL SECURITY
- STRONG AND CLEAR POLICY  
DIRECTION TO DEPARTMENTS
- MULTIPLE LEVELS WHEN POSSIBLE
- DEBATE DATABASE INTEGRATION

# MDA – ARCTIC CONSIDERATIONS



- AMBIVALENT ATTITUDE
- HISTORIC APPROACH
- NO LONG-TERM STRATEGY
- LAW OF SEA CONVENTION
- NATIONAL MARINE CONSERVATION AREA
- NEED FOR A LONG-TERM COMPREHENSIVE STRATEGIC PLAN

# MDA – CIVIL SURVEILLANCE LAYER



- LAYERED SURVEILLANCE SENSORS
- EMPHASIS ON CIVILIAN AIR CONTRACT SERVICES
- AUGMENT WHAT WE HAVE
- STRATEGICALLY PLACED USING INTELLIGENCE QUEING

---

---

# MDA – NATIONAL MDA CENTRE

- CENTRAL MDA CENTRE RECEIVING REGIONAL INPUTS EARLY TO CREATE COP
- COMMON RISK SCORING
- METE OUT RESOURCES BASED ON “EFFECTIVE UNDERSTANDING”
- GATEWAYS AND CORRIDORS – COORDINATED RESOURCE MANAGEMENT

# Conclusion

